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TO: Examiner Vikram P. Sundararaman Group Art Unit 3735
 FIRM: USPTO
 FACSIMILE NO.: 571-273-8300
 OUR REF.: MASIMO.381A
 APPLICATION NO. 10/631,882
 FROM: Lauren Keller
 OPERATOR: Vicki Morrison NO. OF PAGES: 12 (incl. cover sheet)
 DATE: January 31, 2007 TIME:

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Docket No.: MASIMO.381A

Page 1 of 1

Please Direct All Correspondence to Customer Number 20995

AMENDMENT / RESPONSE TRANSMITTAL

Applicant : C. Shulz et al.
App. No : 10/631,882
Filed : July 31, 2003
For : PULSE OXIMETRY EAR SENSOR
Examiner : V. Sundararaman
Art Unit : 3735

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Lauren Keller, Reg. No. 56,553

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing in the above-identified application are the following enclosures:

- (X) Amendment and Response to Final Office Action Dated October 31, 2006 in 10
pages.

The fee has been calculated as shown below:

FEE CALCULATION				
FEE TYPE		FEE CODE	CALCULATION	TOTAL
Excess Claims	27 - 27 = 0	1202 (\$50)	0 x 50 =	\$0
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			TOTAL FEE DUE	\$0

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Lauren Keller
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

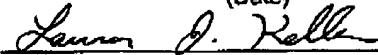
Appl. No. : 10/631,882
Applicant(s) : Christian Shulz et al.
Filed : July 31, 2003
Examiner : Vikram P. Sundararaman
Title : Pulse Oximetry Ear Sensor
Group Art Unit: 3735
Customer No. : 20,995

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Mail Stop Amendment

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**AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION DATED
OCTOBER 31, 2006**

Dear Sir:

In response to the Office Action of October 31, 2006, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 7 of this paper.